Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 - 3 (cancelled)

Claim 4 (currently amended):   A method for controlling a video image compression system comprising:

compressing a video frame of raw video image data using a processor;

storing compressed video image data for said video frame in a buffer, said stored compressed video image data to be transmitted over a transmission medium;

determining whether the processor is limited in its ability to compress video image data based on whether a difference between a compress time for a current frame and a target frame period exceeds a threshold amount to be stored in said buffer;

adjusting a target frame rate based on a current amount of the compress time taken to compress said video frame of raw video image data by said processor.

Claim 5 (currently amended):   The method of claim 4 wherein said target frame rate is adjusted to a value equal to a frame rate of [[the]] a video capture device divided by an integer divisor.

Claim 6 (original):   The method of claim 5 wherein the frame rate of the video capture device is 30 frames per second and the integer divisor has a value between 1 and 30.

Claims 7 – 12 (cancelled)

Claim 13 (currently amended):   A set of instructions residing in a storage medium, said set of instructions capable of being executed by a processor to implement a method for controlling a video image compression system, the method comprising:

compressing a video frame of raw video image data using a processor;

storing compressed video image data for said video frame in a buffer, said stored compressed video image data to be transmitted over a transmission medium;

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determining whether the processor is limited in its ability to compress video image data based on whether a difference between a compress time for a current frame and a target frame period exceeds a threshold amount to be stored in said buffer;

adjusting a target frame rate based on a current amount of the compress time taken to compress said video frame of raw video image data by said processor.

Claim 14 (currently amended):   The set of instructions of claim 13 wherein said target frame rate is to be adjusted to a value equal to a frame rate of [[the]] a video capture device divided by an integer divisor.

Claim 15 (original):   The set of instructions of claim 14 wherein the frame rate of the video capture device is 30 frames per second and the integer divisor has a value between 1 and 30.

Claims 16 – 21 (cancelled)

Claim 22 (currently amended):   A video image compression system comprising:

a processor;

a bit rate controller to compress a video frame of raw video image data using said processor and store compressed video image data for said video frame in a buffer, said storage compressed video image data to be transmitted over a transmission medium;

a video controller coupled to said bit rate controller to determine a usage of whether the processor based on whether a difference between a compress time for a current frame and a target frame period exceeds a threshold amount is limited in its ability to compress video image data to be stored in said buffer and adjust reset a target frame rate based on [[a]] the current amount of compress time taken to compress video frame of raw video image data by said processor.

Claim 23 (currently amended):   The system of claim 22 wherein said bit rate controller is configured to adjust adjusts said target frame rate to a value equal to a frame rate of [[the]] a video capture device divided by an integer divisor.

Claim 24 (original):   The system of claim 23 wherein the frame rate of the video capture device is 30 frames per second and the integer divisor has a value between 1 and 30.

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Claims 25 – 27 (canceled)

Claim 28 (new): The method of claim 4, wherein the threshold amount corresponds to a predetermined portion of the target frame period.

Claim 29 (new): The set of instructions of claim 13, wherein the threshold amount corresponds to a predetermined portion of the target frame period.

Claim 30 (new): The system of claim 22, wherein the threshold amount corresponds to a predetermined portion of the target frame period.

Claim 31 (new): The system of claim 22, further comprising a compressor including said bit rate controller, said compressor further comprising;

a first queue to store the raw video image data;

a codec coupled to the first queue to compress the raw video image data; and

a second queue coupled to the codec to store the compressed video image data.

Claim 32 (new): The system of claim 31, wherein the processor is to control a compression rate of the codec.

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